JC07 Rec'd PCT/PTO U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

ATTORNEY'S DOCKET NUMBER 14964-49625

CONCERNING A SUBI	Jenssigned J								
INTERNATIONAL APPLICATION NO. PCT/CA2003/001574	INTERNATIONAL F 15 October 2		DATE CLAIMED 15 October 2002						
TITLE OF INVENTION  DC TRIMMING CIRCUIT FOR RADIO FREQUENCY (RF) DOWN-CONVERSION									
APPLICANT(S) FOR DO/EO/US	CANT(S) FOR DO/EO/US  Tajinder MANKU								
Applicant herewith submits to the U	plicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:								
1. This is a FIRST submission of	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.								
2. This is a SECOND or SUBSE	This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.								
	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.								
4. The US has been elected (Ar	rticle 31).								
5. A copy of the International	A copy of the International Application as filed (35 U.S.C. 371(c)(2))								
a. 🔽 is attached hereto	a. I is attached hereto (required only if not communicated by the International Bureau).								
b. has been commu	b. has been communicated by the International Bureau.								
c. is not required, as	c. is not required, as the application was filed in the United States Receiving Office (RO/US).								
6. An English language transl	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).								
a. is attached heret	to.								
b. has been previou	usly submitted under 35 U.S.C. 154(	d)(4).							
7. Amendments to the claims	of the International Application under	er PCT Article 19 (35 U.S.C. 3	71(c)(3))						
a. are attached he	reto (required only if not communica	ted by the International Burea	u).						
b. have been com	b. have been communicated by the International Bureau.								
c. Aave not been r	c. Analysis of the control of the co								
d. have not been r	made and will not be made.								
8. An English language trans	slation of the amendments to the claim	ms under PCT Article 19 (35	U.S.C. 371(c)(3)).						
9. An oath or declaration of the	ne inventor(s) (35 U.S.C. 371(c)(4)).								
10. An English language transi Article 36 (35 U.S.C. 371(c	lation of the annexes of the Internati c)(5)).	onal Preliminary Examination	Report under PCT						
Items 11 to 20 below concern do	ocument(s) or information include	d:							
11. An Information Disclosure	Statement under 37 CFR 1.97 and 1	.98.							
12. An assignment document	for recording. A separate cover shee	t in compliance with 37 CFR	3.28 and 3.31 is included.						
13. A preliminary amendment.									
14. An Application Data Sheet	under 37 CFR 1.76.								
15. A substitute specification.									
16. A power of attorney and/or	change of address letter.								
17. A computer-readable form	of the sequence listing in accordance	e with PCT Rule 13ter.2 and	37 CFR 1.821- 1.825.						
18. A second copy of the publi	shed International Application under	35 U.S.C. 154(d)(4).							
19. A second copy of the Engl	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).  PCT/ISA/210; PCT/RO/135; PCT/RO/101; Credit Card Authorization Form in the Amount of \$1,050.00;								
20. Other items or information:	PCT/ISA/210; PCT/RO/135; PCT/F Return Postcard	RO/101; Credit Card Authoriza	ation Form in the Amount of \$1,050.00;						

Return Postcard

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents P.O. Box 1450, Alexandria VA 22313-1450. Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 2

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid CAM Conductor of number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO.		ATTORNEY'S DOCKET NUMBER					
		PCT/CA2003/001574		14964-49625					
21. The followi	ing fees are submitted:				Applicant use	Office use only			
a) Basic na	ational fee			\$300.00	\$ 300.00				
b) Examination fee				\$200.00	\$ 200.00				
c) Search fee \$500.00					\$ 500.00				
	TOTAL OF ABOVE CAL	\$ 1,000.00							
	ee for specification and d								
	mputer program listing file 0 sheets of paper or fract								
			f each additional 50 or fraction RATE						
0 -100 =	O /50 =	Lileieoi (	ound up to a whole number)  x \$250.00						
0 -100 =	0 /50 =		0	× \$250.00	\$				
	30.00 for furnishing the ordinate (37 CFR 1.492(e)).	the earliest	\$						
CLAIMS	NUMBER FIL	.ED	NUMBER EXTRA	RATE	\$				
Total claims 21 - 20 =		0	x \$50.00	\$ 50.00					
Independent cla	ims 3	- 3 =	0	x \$200.00	\$				
MULTIPLE DEP	ENDENT CLAIM(S) (if ap	plicable)		+ \$360.00	\$				
		LCULATIONS =	\$ 1,050.00						
Applicant of by ½.	claims small entity status.	\$							
				SUBTOTAL =	\$ 1,050.00				
	of \$130.00 for furnishing the date (37 CFR 1.492(f)).	\$ 0							
		\$ 1,050.00							
	g the enclosed assignmer te cover sheet (37 CFR 3.	\$							
		\$ 1,050.00							
USPTO is Authorized to charge any additional fee(s) or Amount to be refunded:						\$			
underpayments of fee(s) or credit any overpayments						s			
under 37 CFR 1.16 and 1.17. Amount to be charged									
a. A check in the amount of \$ to cover the above fees is enclosed.									
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.									
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No A duplicate copy of this sheet is enclosed.									
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed									
and granted to restore the International Application to pending status.									
SEND ALL CORRESPONDENCE TO:					(What				
Tim Tingkang Xia, Esq. Morris, Manning & Martin, LLP			SIGNATURE		~ · · · · ·				
1600 Atlanta Financial Center				Tim Tingkang Xia					
3343 Peachtree Road NE Atlanta, Georgia 30326-1044				NAME		<del></del>			
	<b>J</b>			·	45,242				
		ON NUMBER							

10/531231

JC20 Rec'd PCT/PTO 1 3 APR 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Tajinder MANKU

Docket:

14506-49625

Title:

DC TRIMMING CIRCUIT FOR RADIO FREQUENCY (RF) DOWN-CONVERSION

**CERTIFICATE UNDER 37 CFR 1.10** 

'Express Mail' mailing label number: EV025493757US

Date of Deposit: April 13, 2005

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450,

Alexandria, VA 22313-1450.

By:

Name: Tim Tingkar

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Customer No. 24728

Sir:

We are transmitting herewith the attached:

Transmittal Letter to the United State Designated/Elected Office (DO/EO/US)

Concerning a Filing Under 35 U.S.C. 371 (2 pages)

Copy of International Publication No. WO 2004/036776 A1(41 pages)

Copy of International Search Report PCT/ISA/210 (6 pages)

Copy of Notification of Date of Receipt of Priority Document PCT/RO/135 (1 page)

Copy of PCT Request PCT/RO/101 (5 pages)

Preliminary Amendment (6 pages)

Application Data Sheet (4 pages)

Copy of Unsigned Declaration & Power of Attorney (4 pgs)

Credit Card Authorization Form-2038 in the Amount of \$1,050.00

Amend the specification by inserting before the first sentence:

-- This application claims the benefit of PCT/CA03/01574, filed 15 October 2003 and Provisional Application No. 60/418,846, filed 15 October 2002, and which is incorporated by reference herein in its entirety--

USPTO is Authorized to charge any additional fee(s) or underpayments of fee(s) or credit any overpayments under 37 CFR 1.16 and 1.17.

 $\boxtimes$ Return postcard

Please send all Correspondence to:

Tim Tingkang Xia, Esq. MORRIS, MANNING & MARTIN, LLP

1600 Atlanta Financial Center 3343 Peachtree Road NE

Atlanta, Georgia 30326

404-233-700 (Main)

404.495.3678 (Direct)

Customer No. 24728

By:

Name: Tim Tingkang Xia

Reg. No.: 45,242

TX